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AMENDMENTS TO THE CLAIMS

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Claims 1-16 (Canceled).

Claim 17 (New): A ceramic heater comprising:

a ceramic substrate having a thickness of less than or equal to 25 mm; and

at least one resistance heating element area including a resistance heating element  
formed on a first surface of the ceramic substrate, a heating face of the ceramic substrate  
being on a second surface of the ceramic substrate that is opposite to the first surface,

wherein an outermost circumference of the at least one resistance heating element  
area is within 35 mm from an outside edge of the ceramic substrate.

Claim 18 (New): The ceramic heater according to claim 17, wherein the ceramic  
substrate comprises a disc shape.

Claim 19 (New): The ceramic heater according to claim 17, wherein the ceramic  
substrate includes one of a carbide ceramic and a nitride ceramic.

Claim 20 (New): The ceramic heater according to claim 17, wherein a diameter of the  
ceramic substrate is greater than 150 mm.

Claim 21 (New): The ceramic heater according to claim 17, wherein the resistance  
heating element comprises one of a concentric pattern, a spiral pattern and a winding pattern.

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